

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-028920**Date Inspected:** 29-Dec-2012**Project Name:** SAS Superstructure**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Arrival Time:****OSM Departure Time:****Location:** Job Site**CWI Name:** See below.**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

QC Inspector John Hays:

QCI was observed performing Ultrasonic testing throughout the day on weld 12W W2.1-C1. QC Inspector was observed transferring indication location marks to the pertinent side of the weld for excavation by welders on a later shift. Inspector's performance appears to be in compliance with Ultrasonic Testing Shear Wave procedures.

QC Inspector Jesse Cayabyab:

QCI was observed performing Ultrasonic testing throughout the day on weld 12W W2.1-C1 at Y location 17000 to 20000. Inspector's performance appears to be in compliance with Ultrasonic Testing Shear Wave procedures.

Non-Destructive Testing (NDT)

This QA performed Visual, Magnetic Particle and Ultrasonic Testing on the following:

Weld 12W-PP115-W2.1-PS1:

- VT Accept.

Weld 13W PP120 W2.0-FBW1:

- VT, MPT & UTSW Accept.

Weld 13W PP120 W2.0-FBW2:

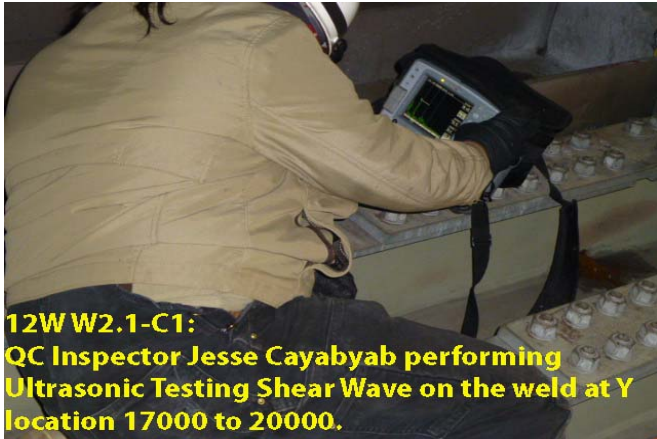
- VT & MPT Accept.

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This QA Inspector completed the report forms TL6028 and TL-6027 on this date noting items acceptance or rejection as per applicable code. The completed and accepted work observed at this location appeared to be in compliance with the contract specifications.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

Conversations this day as required for scope of work.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Gary Thomas - (916) 764 - 6027, who represents the Office of Structural Materials for your project.

Inspected By:	Belford,Fritz	Quality Assurance Inspector
Reviewed By:	Reyes,Danny	QA Reviewer
